

**MARKING CATHETER FOR PLACEMENT USING FRAMELESS STEREOTAXY
AND USE THEREOF**

ABSTRACT OF THE DISCLOSURE

A marking catheter made out of a flexible material
5 and having a closed distal end and an open proximal end
is provided. The marking catheter is sized and shaped to
fit over the probe of a frameless stereotaxy system. One
or more marking catheters may be positioned using the
frameless stereotaxy system to define accurately an area
10 identified in pre-operative imaging. For example, a
plurality of marking catheters may be used to define
physically the margins of a brain lesion. The brain
lesion may then be removed to expose the positioned
catheters, thereby assuring complete and effective lesion
15 removal. The flexible catheters will move with any
brain-shift occurring during lesion removal, thereby to
maintain an accurate indication of the lesion margin.

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